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(54) A method for processing seismic data.

(57) A method for processing seismic data which include performing normal moveout velocity analysis in such a manner as to include the effects of the offset dependence of reflection amplitude and simultaneously determining from the seismic data the moveout velocity and the variation of reflection amplitude with offset.

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EUROPEAN SEARCH
REPORT

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EP 89 20 0724

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	GB-A-2 161 933 (AMOCO CORP.) * Abstract; figure 9; page 4, line 31 - page 6, line 1; page 7, lines 14-48; claim 1 *	1,12	G 01 V 1/30
Y	-----	2,4,5,8	
Y	OIL & GAS JOURNAL, vol. 80, no. 42, October 1982, pages 91-101, Tulsa, Oklahoma, US; G.B. AMERY: "Seismic velocity for geologists" * Page 94, column 1, line 22 - column 3, line 5; figures 4-6; page 95, column 1, line 14 - column 3, line 5 *	2,4,5,8	
A	GEOPHYSICS, vol. 50, no. 4, April 1985, pages 609-614, Tulsa, Oklahoma, US; R.T. SHUEY: "A simplification of the Zoeppritz equations" * Whole document *	-----	
A	GB-A-2 090 409 (MOBIL OIL CORP.) * Abstract; page 1, lines 39-63; claims 1,3-5,7 *	-----	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G 01 V

The present search report has been drawn up for all claims

Place of search	Date of completion of search	Examiner
The Hague	23 May 91	DE HEERING P.

CATEGORY OF CITED DOCUMENTS
X: particularly relevant if taken alone
Y: particularly relevant if combined with another document of the same category
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